


REMARKS

This application is a divisional application of U.S. Patent Application No. 09/487,076 in which claims 9-50 were pending. Claims 9-14 and 23-28 are canceled without prejudice. Claim 46 is amended to bring such claim into accordance with the language of Claims 47-50 and to correct a spelling error. The scope of Claim 46 is not changed by such amendment. Claims 51-56 are added. It follows then that Claims 29-56 are pending in the application and presented herein for examination.

Respectfully submitted,

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By 
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Pri rity Application Serial No. 09/480,076
Pri rity Filing Date January 10, 2000
Inventor Rickie C. Lake
Assignee Micron Technology, Inc.
Pri rity Group Art Unit 1733
Pri rity Examiner J. Haran
Attorney's Docket No. MI40-338
Title: A Battery Powerable Apparatus, Radio Frequency Communication
Device, and Electric Circuit (As Amended)

**VERSION WITH MARKINGS TO SHOW CHANGES MADE
ACCOMPANYING A PRELIMINARY AMENDMENT TO ACCOMPANY A
DIVISIONAL FILING**

The specification and claims have been amended as follows.
Underlines indicate insertions and ~~strikeouts~~ indicate deletions.

Abstract of the Disclosure

A curable adhesive composition, comprising an epoxy terminated silane is provided, ~~which comprises an epoxy terminated silane.~~ A thin profile battery and a substrate to which the thin profile battery is to be conductively connected are also provided. The curable adhesive composition is interposed between the thin profile battery and the substrate. It is and cured into an electrically conductive bond electrically interconnecting between the battery and the substrate. ~~In another aspect,~~ the invention includes a method of conductively interconnecting electronic components using a curable adhesive composition which comprises an epoxy terminated silane. ~~The invention in another aspect includes interposing~~ In another aspect, a curable epoxy composition is interposed between first and second electrically conductive components, ~~to be electrically interconnected.~~ At least one of the components ~~comprises a metal surface with which the curable epoxy is to electrically connect.~~ The

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epoxy is cured into an electrically conductive bond electrically interconnecting the first and second components. The epoxy has an effective metal surface wetting concentration of silane to form a cured electrical interconnection having a resistance through said metal surface electrical components of less than or equal to about 0.3 ohm-cm². In another aspect, a battery powerable apparatus, i.e. an Rf communication device, includes a conductive adhesive mass comprising an epoxy terminated silane, between a battery and substrate. A radio frequency communication device is one example. In another aspect Also, the invention includes an electric circuit comprising first and second electric components electrically connected with one another through a conductive adhesive mass comprising an epoxy terminated silane.

In the Claims

Cancel Claims 9-14 and 23-28 without prejudice.

46. The electrical circuitry apparatus of claim 45 wherein the epoxy terminated silane comprises a glycidoxy methoxy silane.

Please add new Claims 51-56.